

Center for Computer Graphics & Scientific Visualization

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Established center in 1991 that was also awarded a \$14.68 million grant from the National Science Foundation. The federal funding establishes the first national center for computer graphics research. The center will collaborate with four other universities around the country to solve large scale graphic problems. Activities range from artistic rendering and medical applications to engineering design and computer-aided manufacturing.

Overview	Technologies	Status	Economic Impact
<p>Current State Contract \$100,000</p> <p>FY91 Matching Funds \$675,000</p> <p>Cumulative \$2,060,000</p> <p>Total Jobs Created 32</p> <p>Industry 2</p> <p>Center 30</p> <p>Direct Center Spin-offs 1</p> <p>Total Benefiting Utah Companies 1</p> <p>License Agreements 1</p> <p>Patents Applied 0</p> <p>Patents Issued 0</p>	<p>*Alpha 1 related research in modeling, visualization and manufacturing.</p>	<p>*Lead organization in a 5-university National Science Foundation Research Center in computer visualization.</p> <p>*Sponsor and conduct summer computing camps for Utah high school students</p> <p>*Newest product allows designers to test parameters in computer simulation.</p>	<p>*Formed a spin-off company, Engineering Geometry Systems, to commercialize Alpha 1 technology.</p> <p>*Leveraging applications oriented research and development in computer graphics, computer aided integrated design and manufacturing and scientific visualization for commercialization.</p>

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